User Manual

**Monarch®
9416® Printer
Custom Kit**

PAXAR

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WARNING

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CANADIAN D.O.C. WARNING

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.
Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Réglement sur le brouillage radioélectrique édicte par le ministère des Communications du Canada.

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INTRODUCTION

This *User Manual* contains information about using the KU008 Keyboard with your Monarch® 9416® printer. For information about supply loading or care and maintenance, refer to the printer's *Equipment Manual* on our Web site (**www.paxar.com**).

Note: Information in this document supercedes information in previous versions. Refer to our Web site for any updates.

This manual includes information about

♦ unpacking the components.

♦ connecting the cables.

♦ using the keyboard.

♦ setting up the printer.

♦ printing labels.

Overview

The keyboard may contain five preset formats.

♦ Format 1 (1.2" width x 1.1" length)

♦ Format 2 (1.2" width x 1.1" length)

♦ Format 3 (1.2" width x 1.1" length)

♦ Format 4 (1.5" width x 2.7" length)

♦ Format 5 (1.5" width x 2.7" length)

Unpacking the Kit Components

After you unpack the kit, you should have the keyboard (part number 126364), the printer with a power supply, power cord, and external supply holder (part number 126894). Look through all packaging material for parts. Keep the box and packaging material in case an item ever needs repair.

Connecting the Cable

1. Turn off the printer. Press the switch on the back of the printer to the OFF position (O).

2. Connect the keyboard's serial cable to the printer.

3. Plug the round end of the power supply cable into the printer.
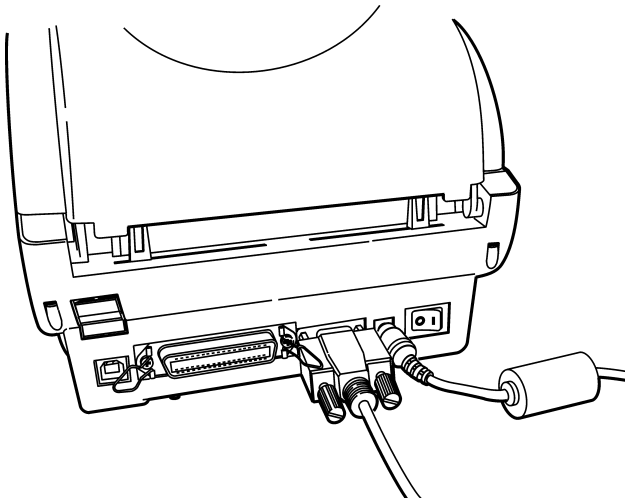
4. Turn on the printer. The keyboard receives power from the printer.

Using the Keyboard

The keyboard has full alphabetic keys with numeric keys, function keys, four arrow keys, and several special keys.
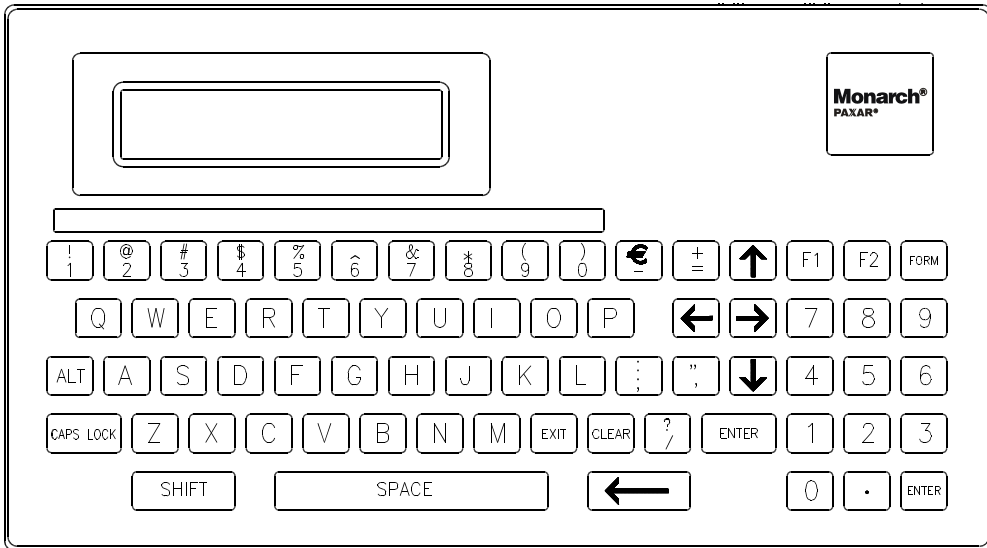
Control Keys	Description
Exit	Returns the display to the next higher menu.
Enter	Selects the displayed menu item or accepts entered data.
Form	Displays the list of available formats.
→ or ↓ **Right Arrow** **Down Arrow**	Displays the next menu item.
← or ↑ **Left Arrow** **Up Arrow**	Displays the previous menu item.
← **Backspace**	Moves the cursor one space to the left. Located next to the spacebar.
Clear	Clears all entered data.
Alt F1	Displays the communication setup menu.

SETTING UP THE PRINTER

This chapter describes how to

♦ set the supply type

♦ set the feed mode

♦ set the ribbon

♦ save the configuration.
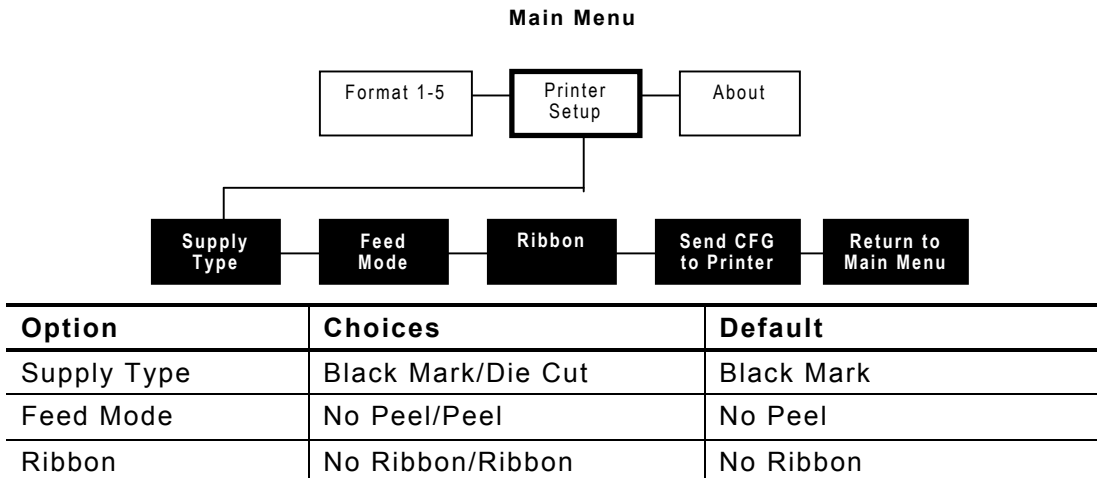
Main Menu

```
                    ┌──────────┐
   ┌───────────┐    │ Printer  │    ┌──────────┐
   │ Format 1-5├────┤  Setup   ├────┤  About   │
   └───────────┘    └────┬─────┘    └──────────┘
                         │
   ┌────────┬────────────┼────────────┬────────────┐
┌──┴───┐ ┌──┴───┐ ┌──────┴──┐ ┌───────┴──┐ ┌───────┴──┐
│Supply│ │ Feed │ │ Ribbon  │ │Send CFG  │ │Return to │
│ Type │ │ Mode │ │         │ │to Printer│ │Main Menu │
└──────┘ └──────┘ └─────────┘ └──────────┘ └──────────┘
```

Option	Choices	Default
Supply Type	Black Mark/Die Cut	Black Mark
Feed Mode	No Peel/Peel	No Peel
Ribbon	No Ribbon/Ribbon	No Ribbon

When you turn on the printer, the keyboard briefly displays

> PAXAR 9416CT KIT
> COPYRIGHT 2006 PAXAR

Then, you see

> FORMAT 1

1. Press ← or → until you see

> PRINTER SETUP

2. Press **Enter**. You see

```
PRINTER MENU
SUPPLY TYPE
```

3. Press ← or → to move through the Printer Setup menu.

Setting the Supply Type

The printer has a black mark/die cut sensor, which it uses to properly calibrate supplies. Black mark supply has sense marks (black marks) on the back of them. Die cut supply does not have any black marks.

1. From the Printer Setup menu, press ← or → until you see

```
SUPPLY TYPE
```

2. Press **Enter**. You see

```
PRINTER SUPPLY MENU
BLACK MARK        BM
```

3. Press ← or → to select the supply type you are using, then press **Enter**. The current setting is displayed on the right. The default is Black Mark.

4. Press ← or → until you see

```
RETURN TO PRINTER MENU
```

5. Press **Enter**.

Setting the Feed Mode

There are two feed modes: peel and no peel (continuous). Peel mode separates the backing paper from the label. No peel (continuous) mode prints labels in a continuous strip.

1. From the Printer Setup menu, press ← or → until you see

   ```
   FEED MODE
   ```

2. Press **Enter**. You see

   ```
   SUPPLY FEED MODE
    NO PEEL        NPL
   ```

3. Press ← or → to select the mode you need, then press **Enter**. The current setting is displayed on the right. The default is No Peel.

4. Press ← or → until you see

   ```
   RETURN TO PRINTER MENU
   ```

5. Press **Enter**.

Setting the Ribbon

Thermal direct supplies do not require a ribbon. Thermal Transfer supplies do require a ribbon.

1. From the Printer Setup menu, press ← or → until you see

```
RIBBON
```

2. Press **Enter**. You see

```
RIBBON MENU
NO RIBBON      NRB
```

3. Press ← or → to select the option you need, then press **Enter**. The current setting is displayed on the right. The default is No Ribbon.

4. Press ← or → until you see

```
RETURN TO PRINTER MENU
```

5. Press **Enter**.

Sending the Configuration

When you change the printer's configuration, you must send the new settings to the printer or it uses the default settings of Black Mark, No Peel, and No Ribbon.

1. From the Printer Setup menu, press ← or → until you see

    ```
    SEND CFG TO PRINTER
    ```

2. Press **Enter**. The new configuration settings appear.
    For example:

    ```
    PRINTER CONFIGURATION
    BM  NPL  NRB  SEND Y/N?
    ```

    Where BM is Black Mark, NPL is No Peel, and NRB is No Ribbon.

3. Select **Yes** to send the new configuration to the printer.
    Select **No** to return to the default settings.

4. Press **Enter**.

5. When you are done, select **Return to Main Menu** and press **Enter**.

PRINTING LABELS

This chapter describes printer setup and the data entry procedures for each format.

Note: If you make a mistake entering data, press ⬅ to backspace one character, or press **Clear** to erase all entered data.

To start printing formats:

When you turn on the printer, the keyboard briefly displays

> PAXAR 9416CT KIT
> COPYRIGHT 2006 PAXAR

Then, you see

> FORMAT 1

1. Press ← or → to select the format you need.

2. Press **Enter**.

3. See the following Format descriptions to enter the data.

**Note:** You may need to press Form to see the list of available formats.

Format 1

1. Load 1.2" width x 1.1" length supply.

2. Enter the data as prompted:

Line 1 ──────▶	12345ABCDE
Line 2 ──────▶	12345ABCDE
Line 3 ──────▶	12345ABCDE
Line 4 ──────▶	12345ABCDE

Prompt	What You Do
LINE 1	Enter up to ten characters. Press **Enter**.
LINE 2	Enter up to ten characters. Press **Enter**.
LINE 3	Enter up to ten characters. Press **Enter**.
LINE 4	Enter up to ten characters. Press **Enter**.
PRINT QTY	Enter up to three numeric digits. Press **Enter**.

Format 2

1. Load 1.2" width x 1.1" length supply.

2. Enter the data as prompted:

UPCA Barcode
1 23456 78901 2
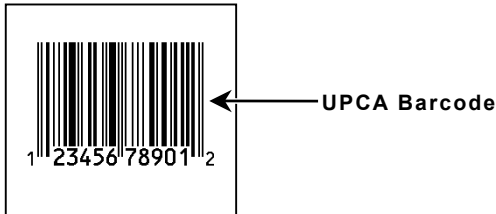
Prompt	What You Do
UPCA Barcode	Enter up to 12 numeric digits. Press **Enter**.
PRINT QTY	Enter up to three numeric digits. Press **Enter**.

Format 3

1. Load 1.2" width x 1.1" length supply.

2. Enter the data as prompted:

Line 1 ──────► **123456ABCDEF**

◄────── **UPCA Barcode**

1 **23456 78901** 2

Line 2 ──────► **123456ABCDEF**

Prompt	What You Do
LINE 1	Enter up to 12 characters. Press **Enter**.
UPCA Barcode	Enter up to 12 numeric digits. Press **Enter**.
LINE 2	Enter up to 12 characters. Press **Enter**.
PRINT QTY	Enter up to three numeric digits. Press **Enter**.

Format 4

1. Load 1.5" width x 2.7" length supply.
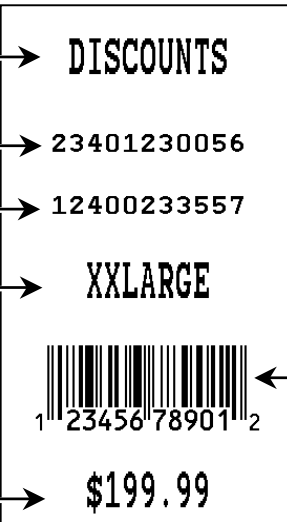
2. Enter the data as prompted:

Line 1 ——→ **DISCOUNTS**

Line 2 ——→ 23401230056

Line 3 ——→ 12400233557

Line 4 ——→ **XXLARGE**

←—— UPC Barcode

1 23456 78901 2

Line 5 ——→ **$199.99**

Prompt	What You Do
LINE 1	Enter up to 15 characters. Press **Enter**.
LINE 2	Enter up to 15 characters. Press **Enter**.
LINE 3	Enter up to 15 characters. Press **Enter**.
LINE 4	Enter up to 15 characters. Press **Enter**.
UPC BARCODE	Enter up to 12 numeric digits. Press **Enter**.
LINE 5	Enter up to 15 characters. Press **Enter**.
PRINT QTY	Enter up to three numeric digits. Press **Enter**.

Note: The price field is already formatted with the dollar sign and decimal point. To enter a price of $19.45, press the **1 9 4** and **5** keys.

Format 5

1. Load 1.5" width x 2.7" length supply.

2. Enter the data as prompted:

Line 1 ⟶ **BARGAINS**

Line 2 ⟶ 053712358465879

Line 3 ⟶ 123456789012345

Line 4 ⟶ **1234MEDIUM12345**

Line 5 ⟶ **WORK SHIRT**

Line 6 ⟶ **$29.99**

Prompt	What You Do
LINE 1	Enter up to 15 characters. Press **Enter**.
LINE 2	Enter up to 15 characters. Press **Enter**.
LINE 3	Enter up to 15 characters. Press **Enter**.
LINE 4	Enter up to 15 characters. Press **Enter**.
LINE 5	Enter up to 15 characters. Press **Enter**.
LINE 6	Enter up to 15 characters. Press **Enter**.
PRINT QTY	Enter up to three numeric digits. Press **Enter**.

Note: The price field is already formatted with the dollar sign and decimal point. To enter a price of $19.45, press the **1 9 4** and **5** keys.

Using the About Menu

To display version or copyright information, press **Form**. Press ← or →
until you see "About." Press **Enter**.

You can also display version or copyright information by pressing **Exit**
when you see the first prompt in any format.

TROUBLESHOOTING

Problem	Action
The keyboard display is blank.	Make sure the printer is on and the keyboard cable is securely attached to the printer. If the keyboard was attached while the printer was on, turn **OFF** the printer and then turn it back **ON**.
You tried to skip a required field.	This field requires data before continuing to the next field. Enter data and press **ENTER.**
Letters are not in the expected case.	Make sure the caps lock is not on.
Label data does not print as expected.	Certain fields require only numeric data. Make sure you enter the correct data.

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